

1. Record Nr.	UNINA9910366621003321
Titolo	Structural Integrity Assessment : Proceedings of ICONS 2018 // edited by Raghu V. Prakash, R. Suresh Kumar, Atikukke Nagesha, Gomathy Sasikala, Arun Kumar Bhaduri
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-13-8767-2
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIX, 858 p. 560 illus., 408 illus. in color.)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	658.56
Soggetti	Security systems Mechanics, Applied Solids Multibody systems Vibration Statics Security Science and Technology Solid Mechanics Multibody Systems and Mechanical Vibrations Mechanical Statics and Structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Themes: Advanced Structural Materials -- Computational Fracture Mechanics -- Experimental Fracture Mechanics -- Creep, Fatigue and Creep-Fatigue Interaction -- Damage Mechanics -- Design and Stress Analysis -- Failure Analysis -- Environmental Effects on Fracture -- In-service inspection, reliability analysis and life extension -- Structural Health and Condition Monitoring.
Sommario/riassunto	This volume contains selected papers from the Second Quadrennial International Conference on Structural Integrity (ICONs-2018). The papers cover important topics related to structural integrity of critical installations, such as power plants, aircrafts, spacecrafts, defense and civilian components. The focus is on assuring safety of operations with high levels of reliability and structural integrity. This volume will be of

interest to plant operators working with safety critical equipment,
engineering solution providers, software professionals working on
engineering analysis, as well as academics working in the area. .
